

BioFlix™ Study Sheet for DNA Replication

Part I. DNA Replication—The Replication Fork. Draw a DNA replication fork in the space below. Be sure to include and label the following structures: parental DNA, leading strand, lagging strand, short RNA segments, DNA polymerase, DNA ligase. Then describe each of the structures in the table below.

Structure	Description
Parental DNA	
Leading strand	
Lagging strand	
Short RNA segments	
DNA polymerase	
DNA ligase	

Part II. How do the different DNA nucleotides (A, C, G, and T) pair during DNA replication?